

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Community Medicine Paper1
<b>Subject Name :</b>	DNB Community Medicine Paper1
<b>Creation Date :</b>	2022-06-25 17:18:24
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## DNB Community Medicine Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871076
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DNB Community Medicine Paper1

<b>Section Id :</b>	3271871079
<b>Section Number :</b>	1

<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271871083
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 3271879812 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Please write your answers in the answer booklet within the allotted pages as follows:-**

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Describe the concept of web of causation in relation to coronary heart disease. Discuss the suitable measures of prevention and control with reference to risk factors. [5+5]

**Question Number : 2 Question Id : 3271879813 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Discuss with examples the implications of “false negatives” and “false positives” of a screening test on individuals and communities. What is the influence of changing prevalence rates on the predictive value of a screening test? [6+4]

**Question Number : 3 Question Id : 3271879814 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Enumerate various types of epidemiological studies. There are cases of rare disease with manifestation of neurological symptoms in children in a district of 10 lakh population. Describe the study which you will plan to find out the cause of disease. [2+8]

**Question Number : 4 Question Id : 3271879815 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Statistical Significance Vs Clinical Significance. [5]
- b) Forest Plot and its interpretation in Research. [5]

**Question Number : 5 Question Id : 3271879816 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

“Health Planning is necessary for the economic utilization of material, manpower and financial resources.” Justify the statement with the help of suitable examples. [10]

**Question Number : 6 Question Id : 3271879817 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Kaplan Mier Survival Curve. [5]
- b) Ecological Fallacy. [5]

**Question Number : 7 Question Id : 3271879818 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Critically review the role of Epidemiological Surveillance in RCH Program with special reference to reducing the maternal mortality in India. [10]

**Question Number : 8 Question Id : 3271879819 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

What do you understand by triangulation of data? Enumerate different qualitative research methods. Develop a concept proposal for understanding the challenges faced by District Administration in combating the situation due to sudden lockdown owing to COVID-19. [2+2+6]

**Question Number : 9 Question Id : 3271879820 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Health Technology Assessment and its significance in present scenario. [5]
- b) Disability Adjusted Life Years (DALY). [5]

**Question Number : 10 Question Id : 3271879821 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Compartmental Model in Epidemiology. [5]
- b) Vaccine Efficacy Vs Vaccine Effectiveness. [5]